RECEIVED. NOV 0 5 1999



UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARICS Workfords D. G. 2023

HOWREY & SIMON

Paper No.

HOWREY & SIMON BOX NO. 34 1299 PENNSYLVANIA AVENUE NW WASHINGTON, DC 20004

Mailed

NOV 4 1999

Director's Office Group 2700

In re Application of John C. Harvey et al

WITHDRAWAL FROM ISSUE

Title: SIGNAL PROCESSING APPARATUS AND METHODS

Applications 08/484,858, 08/488,438, 08/472,980, and 08/447,415 are being withdrawn from issue after payment of the issue fee due to unpatentability of one or more claims. See 37 CFR 1.313(b)(3).

The above-identified applications are hereby withdrawn from issue.

The issue fee is refundable upon written request. If, however, the applications are again found allowable, the issue fee can be applied toward payment of the issue fee in the amount identified on the new Notice of Allowance and Issue Fee Due upon written request. This request and any balance due must be received on or before the due date noted in the new Notice of Allowance in order to prevent abandonment of the application.

Telephone inquiries should be directed to Mrs. Krista Zele at (703) 305-4701.

The above-identified application is being forwarded to the examiner for prompt appropriate action, including notifying applicant of the new status of these applications.

Mr. James L. Dwyer

Director, Technology Center 2700

Communication and Information Processing